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1  
2 Turning to the §102 rejection, claim 1 is amended to clarify that the method  
3 concerns compressing concentric mosaics by expressly reciting this feature in the  
4 body of the claim (rather than the preamble). Similar clarifications are made to  
5 independent claims 23 and 57.

6 Shum does not disclose this feature. Shum is directed to techniques for  
7 spatial displacement estimation and multi-resolution operations on light fields. A  
8 light field models the light characteristics of an object or static scene by capturing  
9 light intensity and color values along a surface around a static scene. (*Shum*, col.  
10 1, lines 34-36). Shum does not address compression (or decompression) of  
11 concentric mosaics, and hence does not anticipate the method of claim 1.

12 The Office contends that “Shum discloses a method for compressing  
13 concentric mosaic image data having a plurality of frames” at column 9, lines 50-  
14 67. This excerpt describes a light field 10 shown in Figs. 1 and 2, and is  
15 reproduced below.

16  
17 With reference to FIGS. 1 and 2, light field 10 includes a set of  
18 spatially-related light field images of an object 20. A light field  
19 image comprises a two-dimensional arrangement (s,t) of data values  
20 such as values from a color space (e.g., RGB, YUV, YIQ, or gray  
21 scale). An (s,t) grid point is indexed with (i,j). Light rays from the  
22 object 20 that pass through a light field image (s,t) also pass through  
23 a point in a (u,v) plane such as a focal point 32 on a two-dimensional  
24 (u,v) plane 30. A (u,v) grid point is indexed with (p,q). In FIG. 1,  
25 light rays from light field image 12 pass through focal point  $P_{-1, -1}$ ,  
while light rays from light field image 14 pass through focal point  
 $P_{0, 0}$ . A (s,t,u,v) grid point is indexed with (i,j,p,q). While nine focal  
points 32 are depicted in FIGS. 1 and 2, alternatively, the (u,v) plane  
includes more or less focal points. Moreover, alternatively, an  
arbitrarily shaped plane, loop, or enclosing surface includes points  
for a light field model of an object or static scene.

1  
2 This excerpt is silent as to compressing concentric mosaic image data.  
3 Thus, claim 1 is patentable over Shum and the §102 rejection should be  
4 withdrawn.

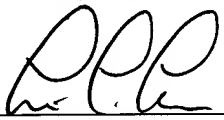
5 The remaining claims are also directed to compression and/or  
6 decompression of concentric mosaics. Thus, the §102 rejection of all claims  
7 should be withdrawn.

8  
9 **Conclusion**

10 Claims 1-76 are in condition for allowance. Applicant respectfully requests  
11 prompt allowance of the subject application. If any issue remains unresolved that  
12 would prevent allowance of this case, **the Examiner is requested to contact the**  
13 **undersigned attorney to resolve the issue.**

14  
15  
16 Date: April 4, 2005

Respectfully Submitted,

17 By:   
18 Lewis C. Lee  
19 Lee & Hayes, pllc  
20 Reg. No. 34,656  
21 (509) 324-9256 ext. 211  
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AMENDMENT TO THE DRAWINGS

Fig. 5 is amended to correct inadvertent typographical errors. A drawing change request accompanies this response.